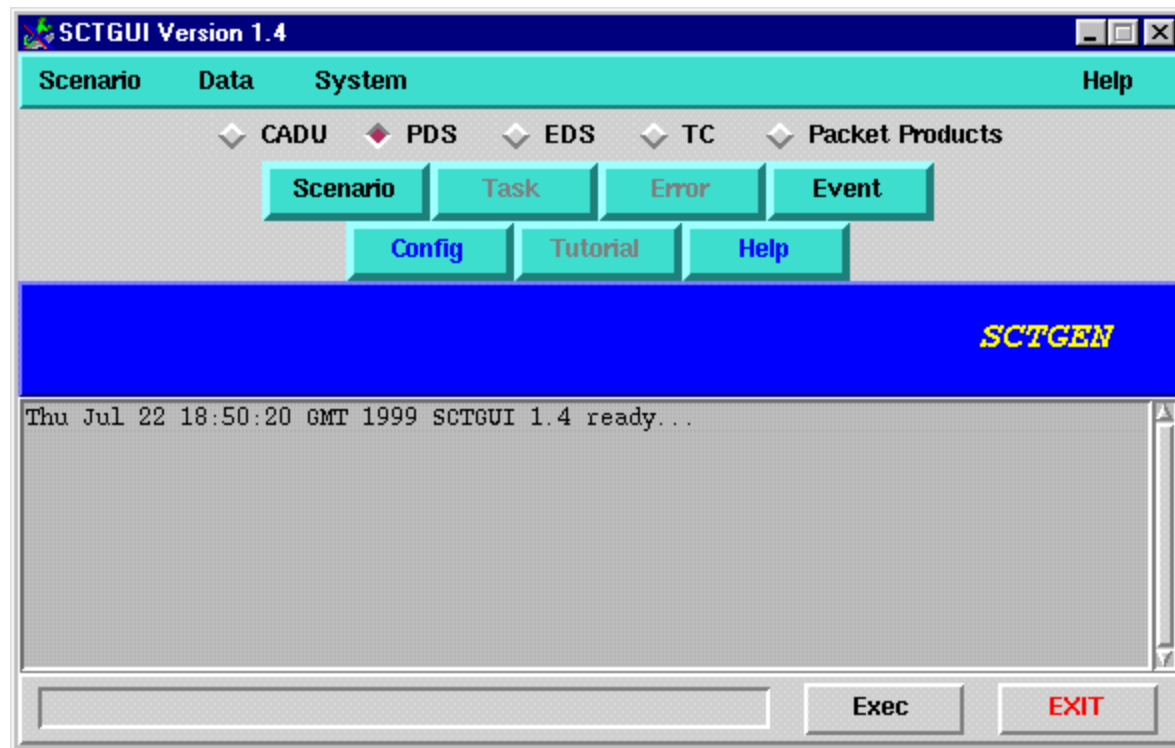
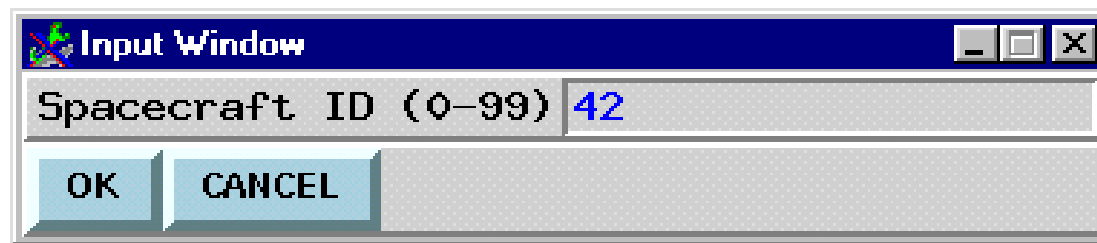


SCTGEN PDS Generation Screens

PDS Generation



PDS Generation



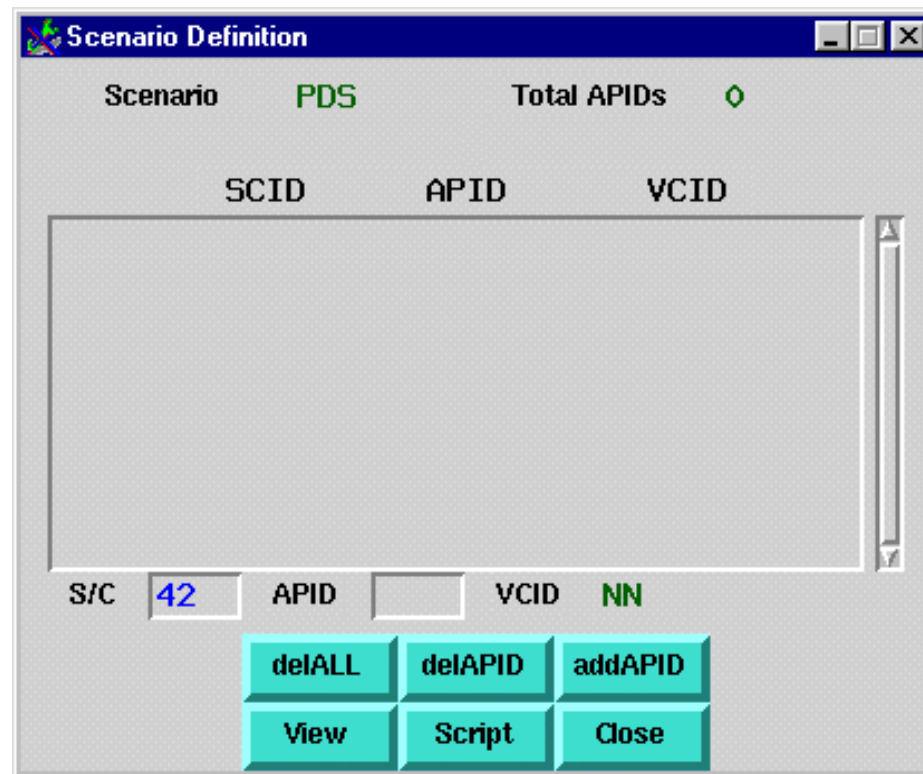
A screenshot of a Windows-style dialog box titled "Input Window". The dialog has a blue title bar with a small icon on the left and standard minimize, maximize, and close buttons on the right. The main area contains a text input field with the label "Spacecraft ID (0-99)" and the value "42". At the bottom, there are two buttons: "OK" and "CANCEL".

Input Window

Spacecraft ID (0-99) 42

OK CANCEL

PDS Generation



A screenshot of a software window titled "Scenario Definition". The window has a blue title bar with standard Windows controls. Below the title bar, there are two labels: "Scenario" followed by "PDS" in green, and "Total APIDs" followed by a green diamond symbol. Below these labels is a large, empty rectangular area with a vertical scrollbar on the right side. Above this area, the labels "SCID", "APID", and "VCID" are positioned. Below the large area, there are three input fields: "S/C" with the value "42", "APID" with an empty box, and "VCID" with the value "NN". At the bottom of the window, there are six buttons arranged in two rows of three. The top row contains "delALL", "delAPID", and "addAPID". The bottom row contains "View", "Script", and "Close".

Scenario Definition

Scenario PDS Total APIDs ◇

SCID APID VCID

S/C 42 APID VCID NN

delALL delAPID addAPID

View Script Close

PDS Generation

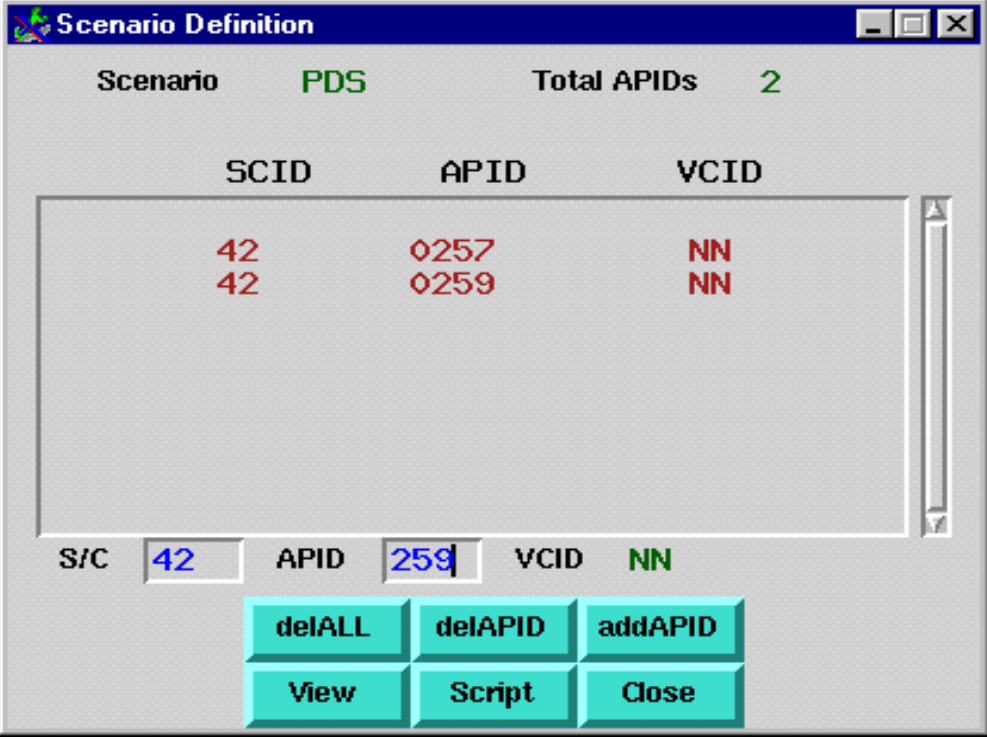
The image shows a software window titled "Scenario Definition". At the top, it displays "Scenario PDS" and "Total APIDs 1". Below this is a table with three columns: "SCID", "APID", and "VCID". The table contains one row with the values "42", "0257", and "NN" respectively. Below the table, there are input fields for "S/C" (containing "42"), "APID" (containing "257"), and "VCID" (containing "NN"). At the bottom, there are six buttons arranged in two rows: "delALL", "delAPID", "addAPID" in the first row, and "View", "Script", "Close" in the second row.

SCID	APID	VCID
42	0257	NN

S/C: 42 APID: 257 VCID: NN

Buttons: delALL, delAPID, addAPID, View, Script, Close

PDS Generation



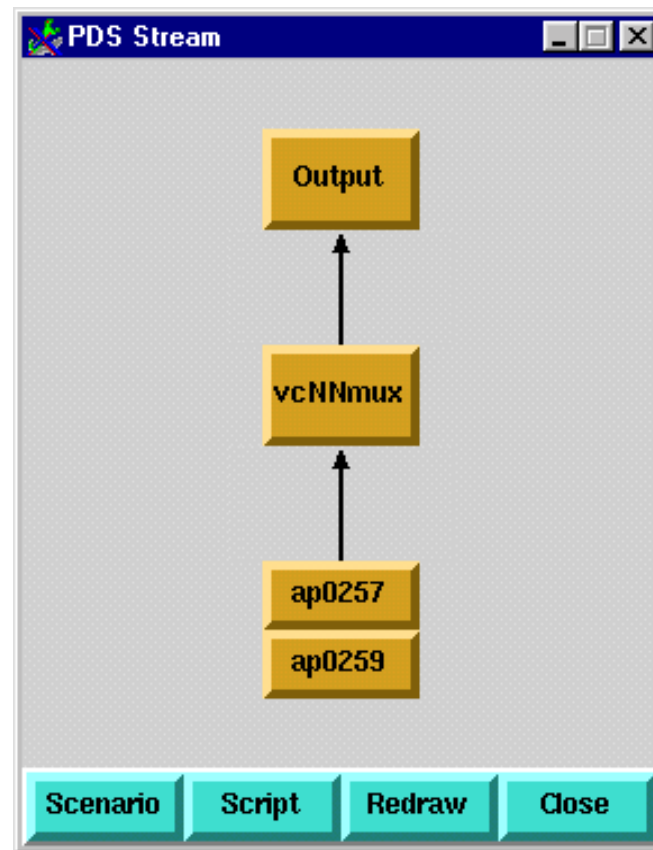
A screenshot of a 'Scenario Definition' dialog box. The title bar is blue with a small icon on the left and standard window controls on the right. Below the title bar, the text 'Scenario' is followed by 'PDS' in green. To the right, 'Total APIDs' is followed by '2' in green. The main area contains a table with three columns: 'SCID', 'APID', and 'VCID'. The table has two rows of data, both in red text. Below the table, there are three input fields: 'S/C' with '42', 'APID' with '259', and 'VCID' with 'NN'. At the bottom, there are six buttons arranged in two rows: 'delALL', 'delAPID', 'addAPID' in the top row, and 'View', 'Script', 'Close' in the bottom row.

SCID	APID	VCID
42	0257	NN
42	0259	NN

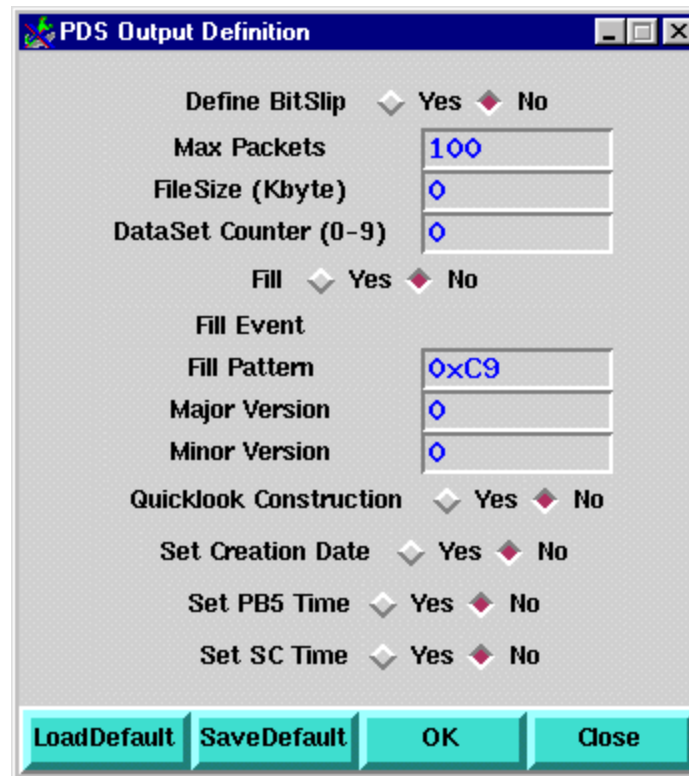
S/C: 42 APID: 259 VCID: NN

Buttons: delALL, delAPID, addAPID, View, Script, Close

PDS Generation



PDS Generation



The image shows a Windows-style dialog box titled "PDS Output Definition". It contains several configuration options for PDS generation, each with a radio button for "Yes" or "No" and some with associated text input fields. The "Yes" radio buttons are selected for "Define BitSlip", "Fill", "Quicklook Construction", "Set Creation Date", "Set PB5 Time", and "Set SC Time". The "No" radio buttons are selected for "Max Packets", "FileSize (Kbyte)", "DataSet Counter (0-9)", "Fill Event", "Major Version", "Minor Version", and "Quicklook Construction". The "Fill Pattern" field is set to "0xC9". The "Max Packets" field is set to "100". The "DataSet Counter (0-9)" field is set to "0". The "Major Version" and "Minor Version" fields are set to "0". The "LoadDefault", "SaveDefault", "OK", and "Close" buttons are at the bottom.

PDS Output Definition

Define BitSlip ☒ Yes ☐ No

Max Packets

FileSize (Kbyte)

DataSet Counter (0-9)

Fill ☒ Yes ☐ No

Fill Event

Fill Pattern

Major Version

Minor Version

Quicklook Construction ☒ Yes ☐ No

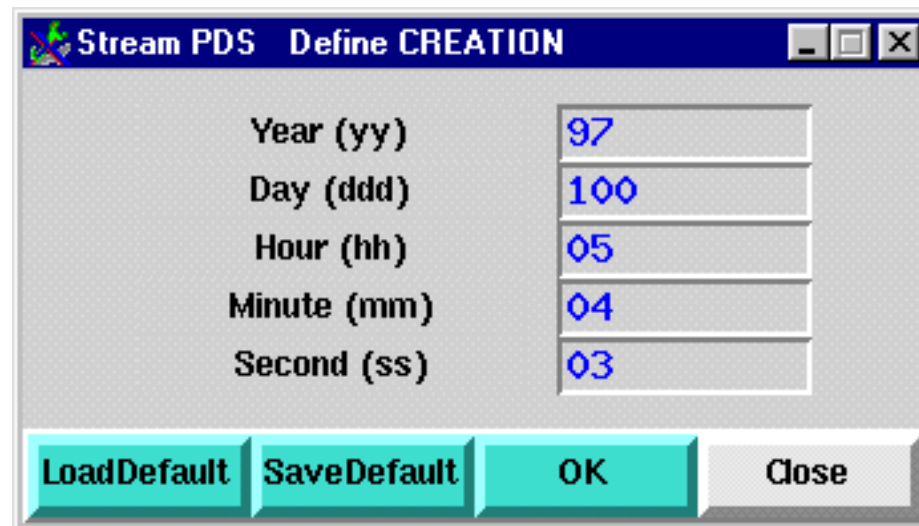
Set Creation Date ☒ Yes ☐ No

Set PB5 Time ☒ Yes ☐ No

Set SC Time ☒ Yes ☐ No

LoadDefault **SaveDefault** **OK** **Close**

PDS Generation

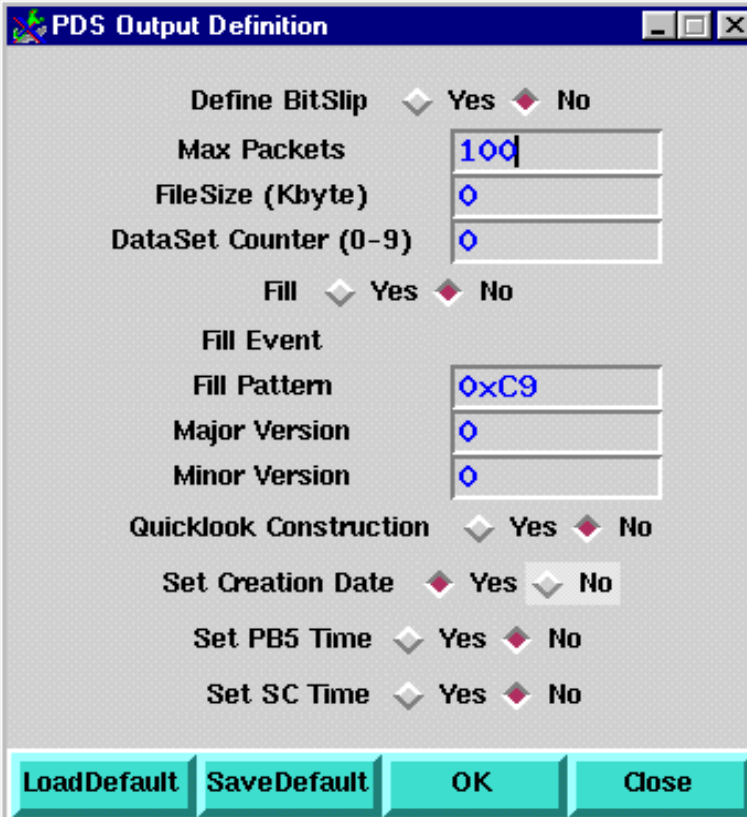


A screenshot of a Windows-style dialog box titled "Stream PDS Define CREATION". The dialog box has a blue title bar with a small icon on the left and standard minimize, maximize, and close buttons on the right. The main area is light gray and contains five labels on the left and five corresponding text input fields on the right. The labels are "Year (yy)", "Day (ddd)", "Hour (hh)", "Minute (mm)", and "Second (ss)". The input fields contain the values "97", "100", "05", "04", and "03" respectively, all in blue text. At the bottom of the dialog box, there are four buttons: "LoadDefault", "SaveDefault", "OK", and "Close". The "LoadDefault", "SaveDefault", and "OK" buttons are light blue, while the "Close" button is light gray.

Field	Value
Year (yy)	97
Day (ddd)	100
Hour (hh)	05
Minute (mm)	04
Second (ss)	03

Buttons: LoadDefault, SaveDefault, OK, Close

PDS Generation



The image shows a Windows-style dialog box titled "PDS Output Definition". It contains several configuration options for PDS generation, each with a radio button for "Yes" or "No" and some with text input fields. The options are: "Define BitSlip" (Yes/No), "Max Packets" (text field with "100"), "FileSize (Kbyte)" (text field with a diamond symbol), "DataSet Counter (0-9)" (text field with a diamond symbol), "Fill" (Yes/No), "Fill Event" (text field with "0xC9"), "Major Version" (text field with a diamond symbol), "Minor Version" (text field with a diamond symbol), "Quicklook Construction" (Yes/No), "Set Creation Date" (Yes/No), "Set PB5 Time" (Yes/No), and "Set SC Time" (Yes/No). At the bottom are four buttons: "LoadDefault", "SaveDefault", "OK", and "Close".

PDS Output Definition

Define BitSlip ☐ Yes ☐ No

Max Packets

FileSize (Kbyte)

DataSet Counter (0-9)

Fill ☐ Yes ☐ No

Fill Event

Major Version

Minor Version

Quicklook Construction ☐ Yes ☐ No

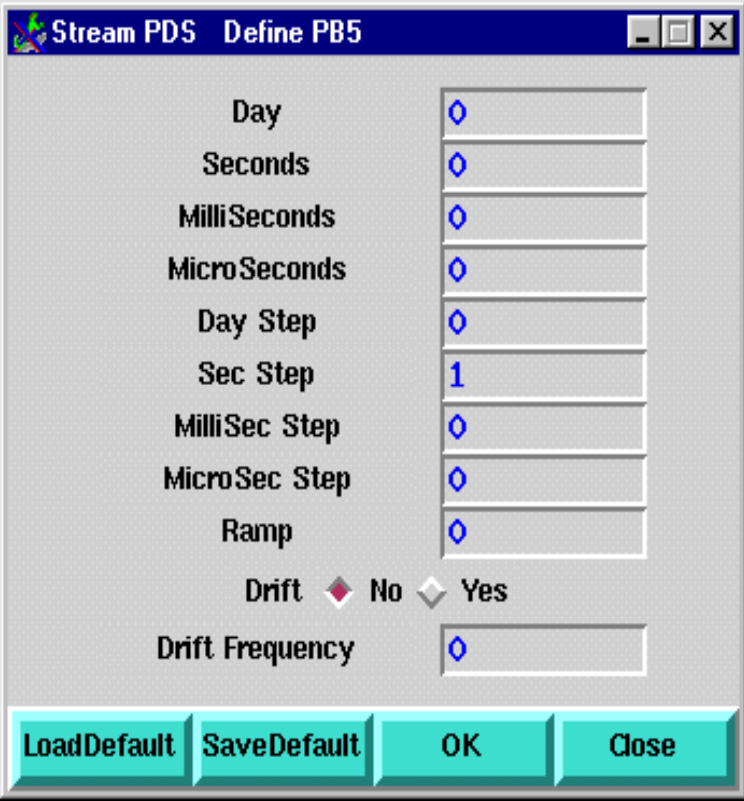
Set Creation Date ☐ Yes ☐ No

Set PB5 Time ☐ Yes ☐ No

Set SC Time ☐ Yes ☐ No

LoadDefault **SaveDefault** **OK** **Close**

PDS Generation

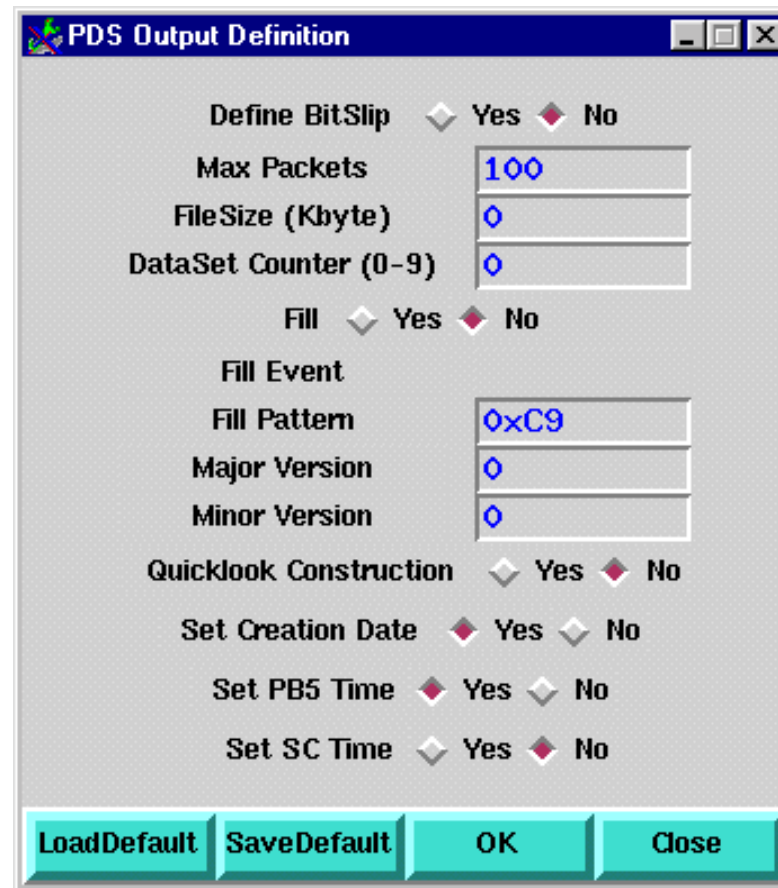


A screenshot of a software dialog box titled "Stream PDS Define PB5". The dialog box has a blue title bar with standard window controls. The main area is light gray and contains several input fields and a checkbox. The input fields are labeled "Day", "Seconds", "MilliSeconds", "MicroSeconds", "Day Step", "Sec Step", "MilliSec Step", "MicroSec Step", and "Ramp". Each of these fields has a blue "0" in the first position. The "Sec Step" field has a blue "1" in the second position. Below these fields is a checkbox labeled "Drift" with "No" and "Yes" options. The "Drift" checkbox is currently unchecked. Below the checkbox is a text label "Drift Frequency" followed by an input field containing a blue "0". At the bottom of the dialog box are four buttons: "LoadDefault", "SaveDefault", "OK", and "Close".

Parameter	Value
Day	0
Seconds	0
MilliSeconds	0
MicroSeconds	0
Day Step	0
Sec Step	1
MilliSec Step	0
MicroSec Step	0
Ramp	0
Drift	No
Drift Frequency	0

Buttons: LoadDefault, SaveDefault, OK, Close

PDS Generation



The image shows a Windows-style dialog box titled "PDS Output Definition". It contains several configuration options for PDS generation, each with a label, a set of radio buttons, and a text input field. The options are: "Define BitSlip" (radio buttons for Yes and No, with Yes selected), "Max Packets" (text field with "100"), "FileSize (Kbyte)" (text field with "0"), "DataSet Counter (0-9)" (text field with "0"), "Fill" (radio buttons for Yes and No, with Yes selected), "Fill Event" (radio buttons for Yes and No, with Yes selected), "Fill Pattern" (text field with "0xC9"), "Major Version" (text field with "0"), "Minor Version" (text field with "0"), "Quicklook Construction" (radio buttons for Yes and No, with Yes selected), "Set Creation Date" (radio buttons for Yes and No, with Yes selected), "Set PB5 Time" (radio buttons for Yes and No, with Yes selected), and "Set SC Time" (radio buttons for Yes and No, with Yes selected). At the bottom of the dialog are four buttons: "LoadDefault", "SaveDefault", "OK", and "Close".

PDS Output Definition

Define BitSlip ☒ Yes ☐ No

Max Packets

FileSize (Kbyte)

DataSet Counter (0-9)

Fill ☒ Yes ☐ No

Fill Event ☒ Yes ☐ No

Fill Pattern

Major Version

Minor Version

Quicklook Construction ☒ Yes ☐ No

Set Creation Date ☒ Yes ☐ No

Set PB5 Time ☒ Yes ☐ No

Set SC Time ☒ Yes ☐ No

LoadDefault **SaveDefault** **OK** **Close**

PDS Generation

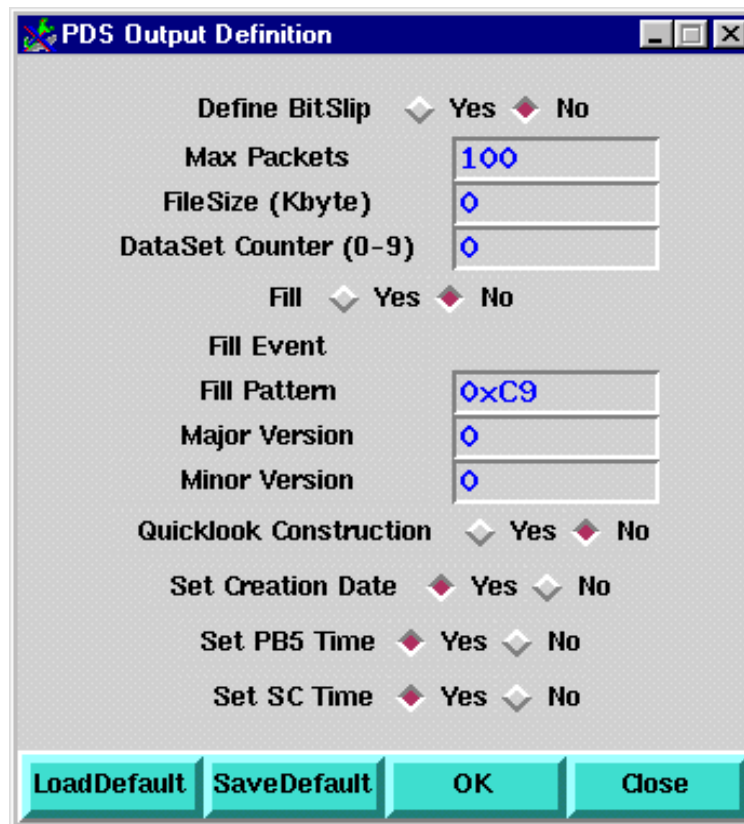
The screenshot shows a Windows-style dialog box titled "SCTIME List". It contains a list box with two entries, each showing a start and stop time in HH:MM:SS:SS format. Below the list box, there are input fields for the components of these times: Day, Second, Millisec, and Microsec, for both Start and Stop times. At the bottom, there are four buttons: delALL, delTIME, addTIME, and Close.

	StartTime	StopTime
	123:100:0:0	123:200:0:0

	Start	Stop
Day (0-9999)	123	123
Second (0-86399)	100	200
Millisec (0-999)	0	0
Microsec (0-999)	0	0

Buttons: delALL, delTIME, addTIME, Close

PDS Generation



The image shows a Windows-style dialog box titled "PDS Output Definition". It contains several configuration options for PDS generation, each with a radio button for "Yes" or "No" and some with text input fields. The options are: "Define BitSlip" (radio buttons), "Max Packets" (text field with "100"), "FileSize (Kbyte)" (text field with "0"), "DataSet Counter (0-9)" (text field with "0"), "Fill" (radio buttons), "Fill Event" (radio buttons), "Fill Pattern" (text field with "0xC9"), "Major Version" (text field with "0"), "Minor Version" (text field with "0"), "Quicklook Construction" (radio buttons), "Set Creation Date" (radio buttons), "Set PB5 Time" (radio buttons), and "Set SC Time" (radio buttons). At the bottom are four buttons: "LoadDefault", "SaveDefault", "OK", and "Close".

PDS Output Definition

Define BitSlip ☐ Yes ☐ No

Max Packets

FileSize (Kbyte)

DataSet Counter (0-9)

Fill ☐ Yes ☐ No

Fill Event ☐ Yes ☐ No

Fill Pattern

Major Version

Minor Version

Quicklook Construction ☐ Yes ☐ No

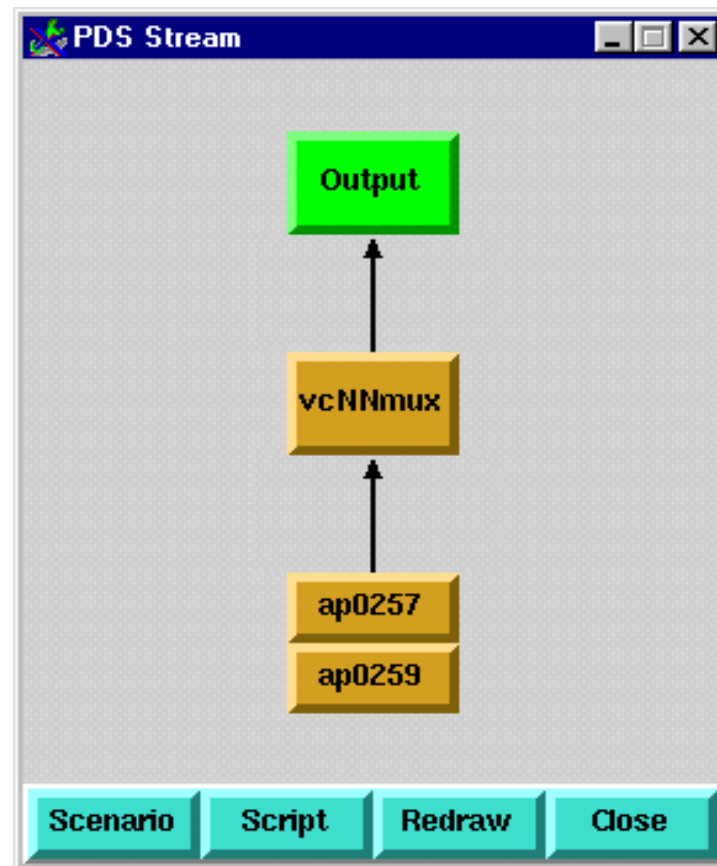
Set Creation Date ☐ Yes ☐ No

Set PB5 Time ☐ Yes ☐ No

Set SC Time ☐ Yes ☐ No

LoadDefault **SaveDefault** **OK** **Close**

PDS Generation



PDS Generation

The screenshot shows the 'PACKET Multiplexer for vcNN' window. At the top, a sequence of packets is displayed: <<, <, ap0257, ap0259, ap0257, ap0259, ap0257, ap0259, ap0257, ap0259, ap0257, ap0259, >, >>. Below these are indices 0001 through 0010. The 'Idle Source' section has buttons for SetDEFAULT, SetIDLE, and NoIDLE. The 'Data Source' is set to IDLE, with a dropdown menu showing ap0257 and ap0259. The left panel, 'Specify PACKET content by Range', has input fields for PACKET Content (ap0257), Start PACKET (1), and Stop PACKET (1), with a SetRange button. The right panel, 'Specify PACKET content by Pattern', has input fields for PACKET Content (ap0257), Start PACKET, No. PACKET of Data, Total PACKET in Pattern, and Repeat Count for Pattern, with SetPattern and SetPatternDEFAULT buttons. The bottom bar contains Clear, Edit, Stat, MUXtool, and Close buttons.

PACKET Multiplexer for vcNN

<< < ap0257 ap0259 ap0257 ap0259 ap0257 ap0259 ap0257 ap0259 ap0257 ap0259 > >>

0001 0002 0003 0004 0005 0006 0007 0008 0009 0010

Idle Source
Default Source

SetDEFAULT SetIDLE NoIDLE

Data Source IDLE ap0257 ap0259

Specify PACKET content by Range
(a contiguous group of PACKET)

PACKET Content ap0257

Start PACKET 1

Stop PACKET 1

SetRange

Specify PACKET content by Pattern
A zero repeat count means forever
Default pattern: all units in seq forever

PACKET Content ap0257

Start PACKET

No. PACKET of Data

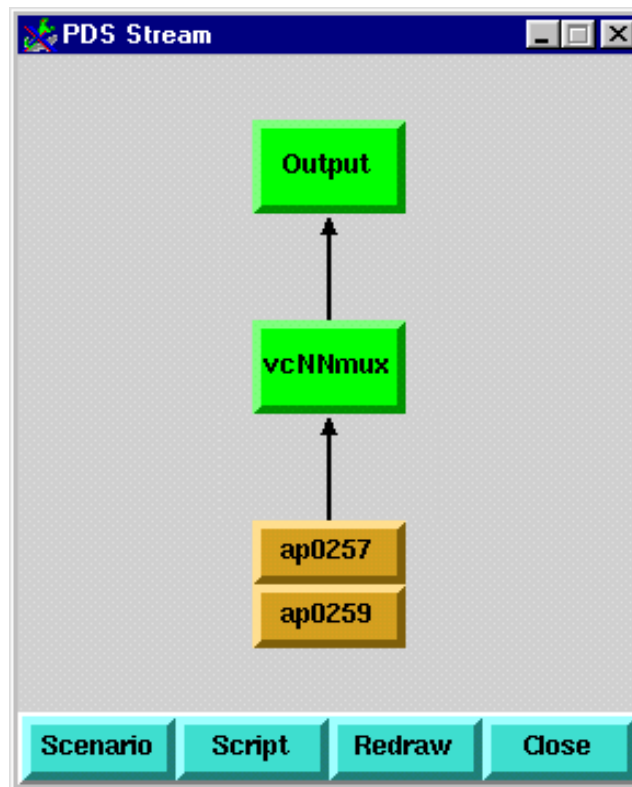
Total PACKET in Pattern

Repeat Count for Pattern

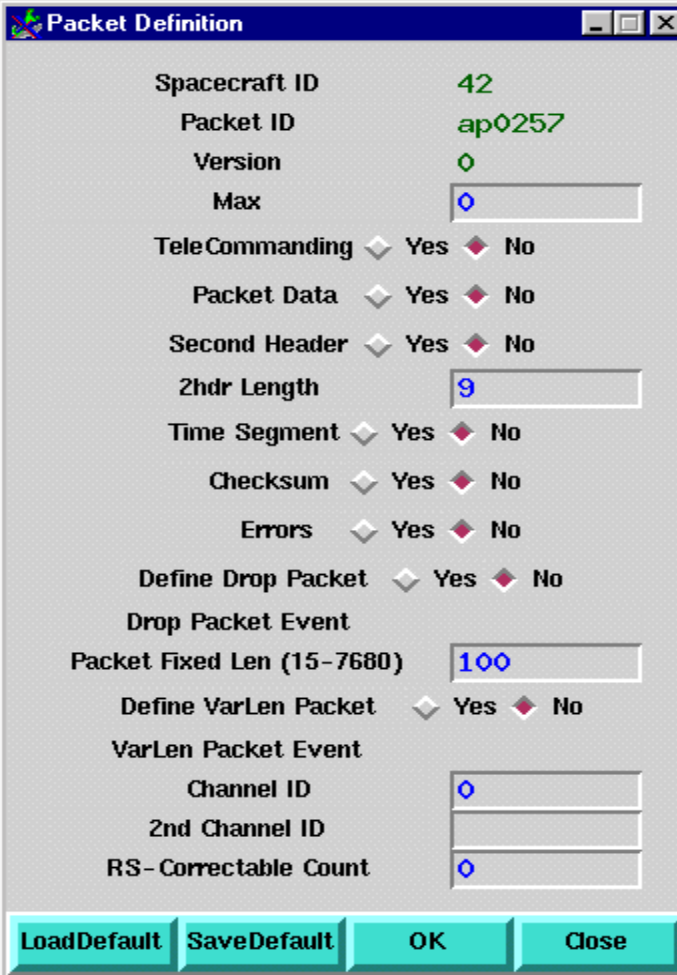
SetPattern SetPatternDEFAULT

Clear Edit Stat MUXtool Close

PDS Generation



PDS Generation

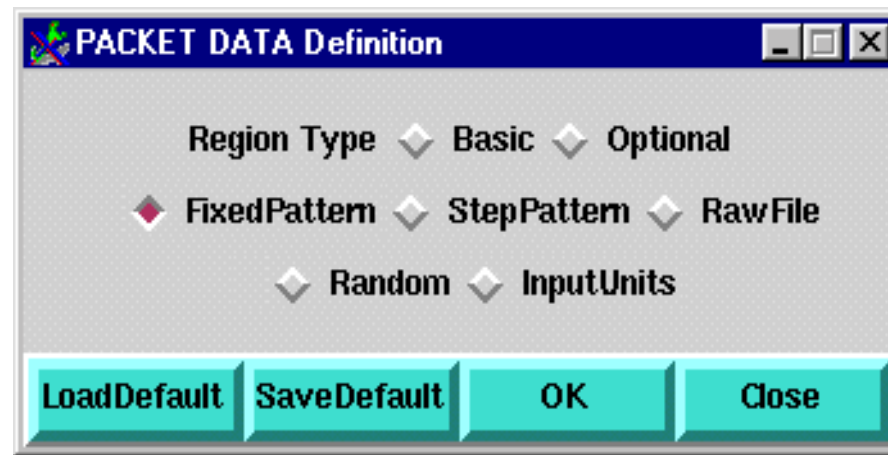


The image shows a 'Packet Definition' dialog box with various configuration options. The options are organized into sections with labels on the left and input fields or checkboxes on the right. The 'Max' field is a text box with a blue '0'. The '2hdr Length' field is a text box with a blue '9'. The 'Packet Fixed Len (15-7680)' field is a text box with a blue '100'. The 'Channel ID', '2nd Channel ID', and 'RS-Correctable Count' fields are text boxes with blue '0's. The 'TeleCommanding', 'Packet Data', 'Second Header', 'Time Segment', 'Checksum', 'Errors', and 'Define Drop Packet' options are each followed by 'Yes' and 'No' radio buttons, with 'Yes' being selected. The 'Drop Packet Event' and 'VarLen Packet Event' options are followed by empty text boxes. At the bottom, there are four buttons: 'LoadDefault', 'SaveDefault', 'OK', and 'Close'.

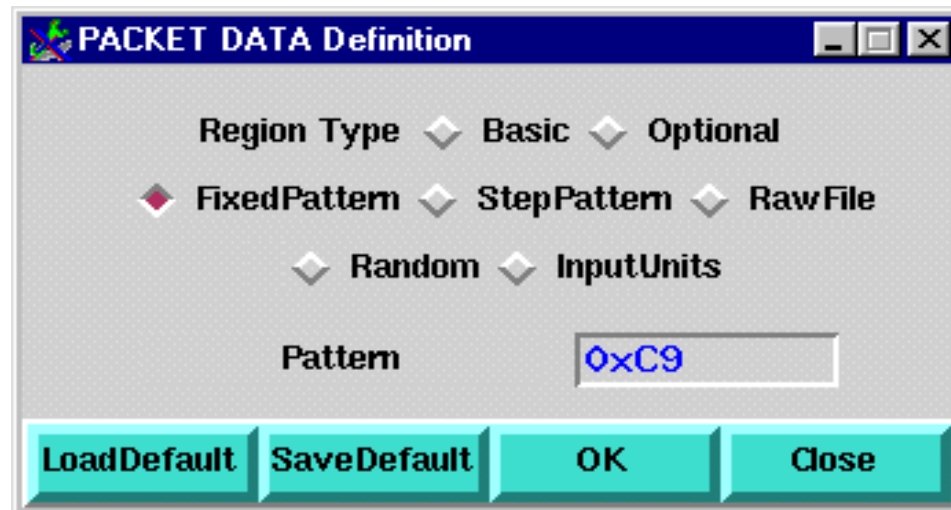
Spacecraft ID	42
Packet ID	ap0257
Version	0
Max	0
TeleCommanding	<input checked="" type="radio"/> Yes <input type="radio"/> No
Packet Data	<input checked="" type="radio"/> Yes <input type="radio"/> No
Second Header	<input checked="" type="radio"/> Yes <input type="radio"/> No
2hdr Length	9
Time Segment	<input checked="" type="radio"/> Yes <input type="radio"/> No
Checksum	<input checked="" type="radio"/> Yes <input type="radio"/> No
Errors	<input checked="" type="radio"/> Yes <input type="radio"/> No
Define Drop Packet	<input checked="" type="radio"/> Yes <input type="radio"/> No
Drop Packet Event	
Packet Fixed Len (15-7680)	100
Define VarLen Packet	<input checked="" type="radio"/> Yes <input type="radio"/> No
VarLen Packet Event	
Channel ID	0
2nd Channel ID	
RS-Correctable Count	0

LoadDefault SaveDefault OK Close

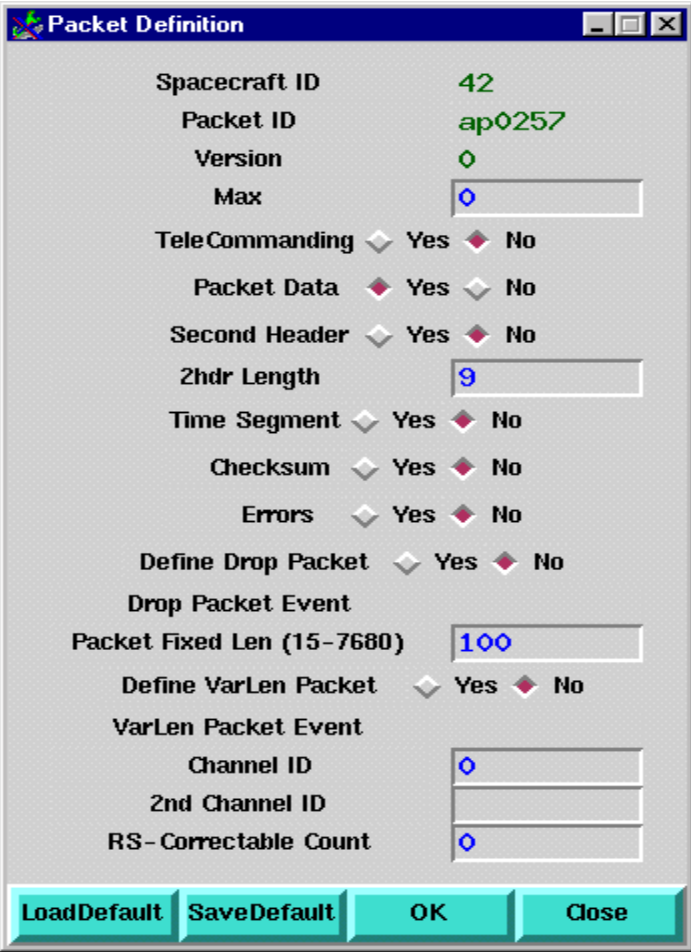
PDS Generation



PDS Generation



PDS Generation

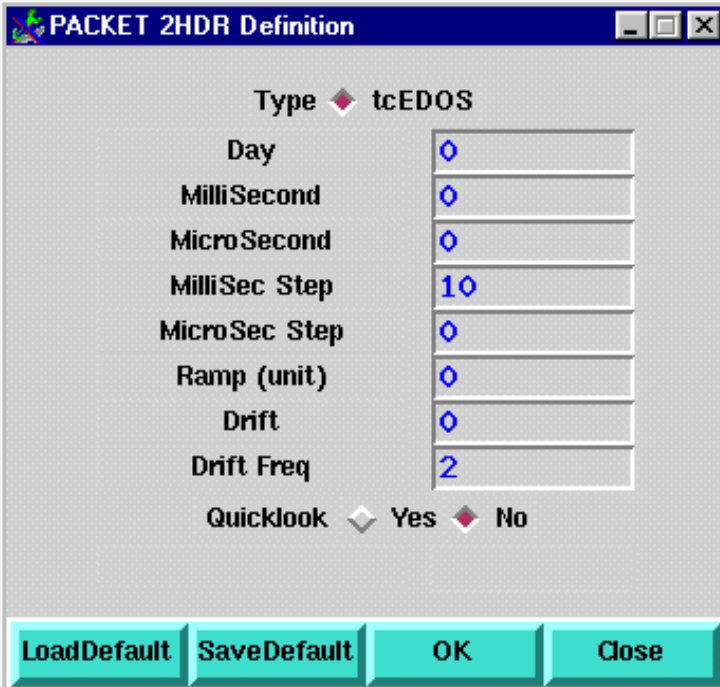


The image shows a 'Packet Definition' dialog box with various configuration options. The options are organized into sections with labels on the left and input fields or checkboxes on the right. The input fields contain values: 42, ap0257, 0, 0, 9, 100, and 0. The checkboxes are arranged in pairs for several options, with 'Yes' or 'No' labels. The bottom of the dialog has four buttons: LoadDefault, SaveDefault, OK, and Close.

Field/Option	Value/State
Spacecraft ID	42
Packet ID	ap0257
Version	0
Max	0
TeleCommanding	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Packet Data	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Second Header	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
2hdr Length	9
Time Segment	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Checksum	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Errors	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Define Drop Packet	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Drop Packet Event	
Packet Fixed Len (15-7680)	100
Define VarLen Packet	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
VarLen Packet Event	
Channel ID	0
2nd Channel ID	
RS-Correctable Count	0

Buttons: LoadDefault, SaveDefault, OK, Close

PDS Generation

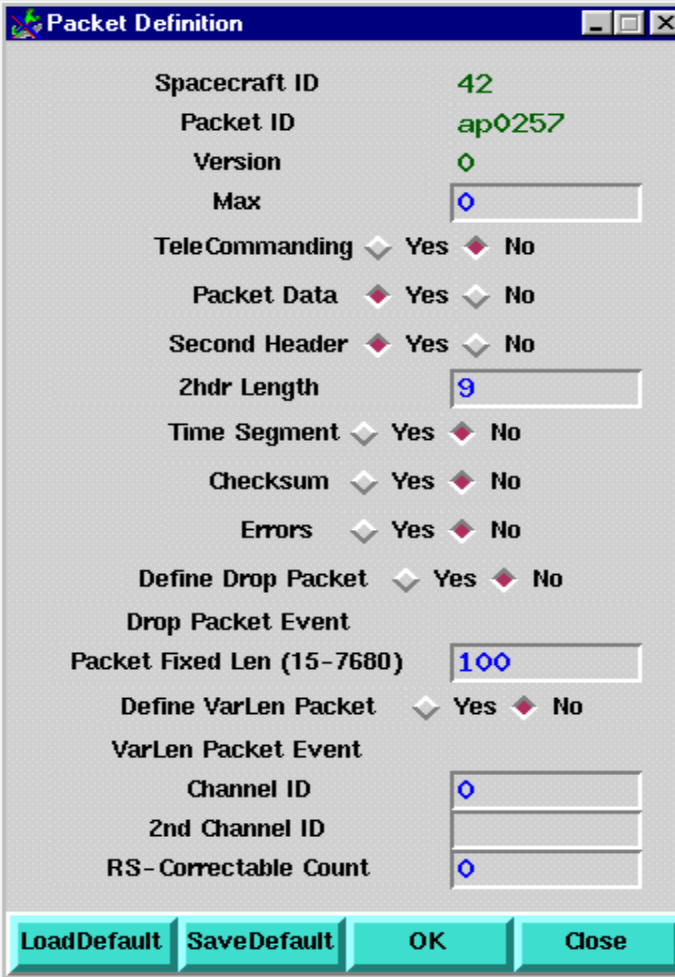


A screenshot of a Windows-style dialog box titled "PACKET 2HDR Definition". The dialog has a blue title bar with standard minimize, maximize, and close buttons. The main area is light gray and contains several settings. At the top, "Type" is set to "tcEDOS" with a small diamond icon. Below this are eight input fields, each preceded by a label: "Day", "MilliSecond", "MicroSecond", "MilliSec Step", "MicroSec Step", "Ramp (unit)", "Drift", and "Drift Freq". The values in these fields are 0, 0, 0, 10, 0, 0, 0, and 2 respectively. The "10" and "2" are in blue. At the bottom of the main area, there is a "Quicklook" label followed by two radio buttons: "Yes" (selected) and "No". The bottom of the dialog features four buttons: "LoadDefault", "SaveDefault", "OK", and "Close", all with a 3D effect.

Parameter	Value
Type	tcEDOS
Day	0
MilliSecond	0
MicroSecond	0
MilliSec Step	10
MicroSec Step	0
Ramp (unit)	0
Drift	0
Drift Freq	2
Quicklook	Yes

Buttons: LoadDefault, SaveDefault, OK, Close

PDS Generation

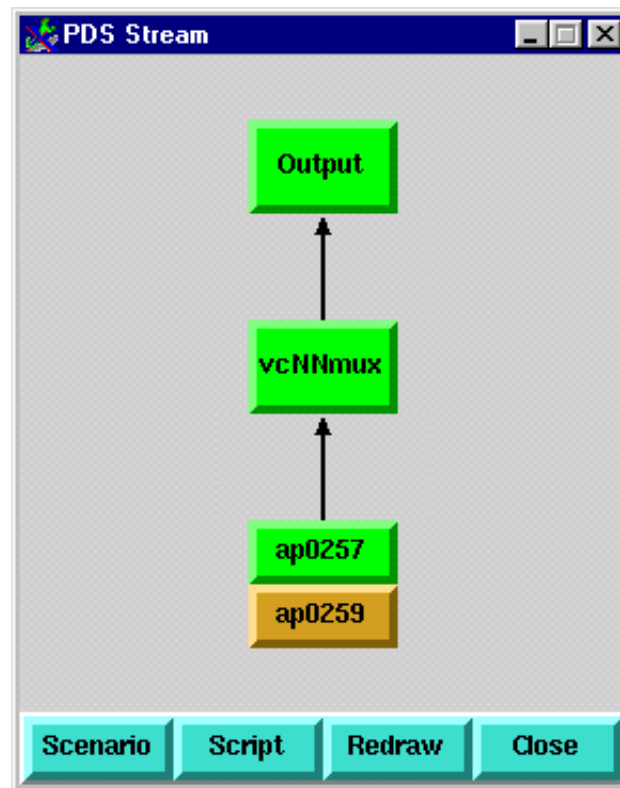


The image shows a 'Packet Definition' dialog box with various fields and options for configuring a packet. The fields include Spacecraft ID (42), Packet ID (ap0257), Version (0), Max (0), TeleCommanding (Yes/No), Packet Data (Yes/No), Second Header (Yes/No), 2hdr Length (9), Time Segment (Yes/No), Checksum (Yes/No), Errors (Yes/No), Define Drop Packet (Yes/No), Drop Packet Event, Packet Fixed Len (15-7680) (100), Define VarLen Packet (Yes/No), VarLen Packet Event, Channel ID (0), 2nd Channel ID, and RS-Correctable Count (0). The bottom of the dialog has four buttons: LoadDefault, SaveDefault, OK, and Close.

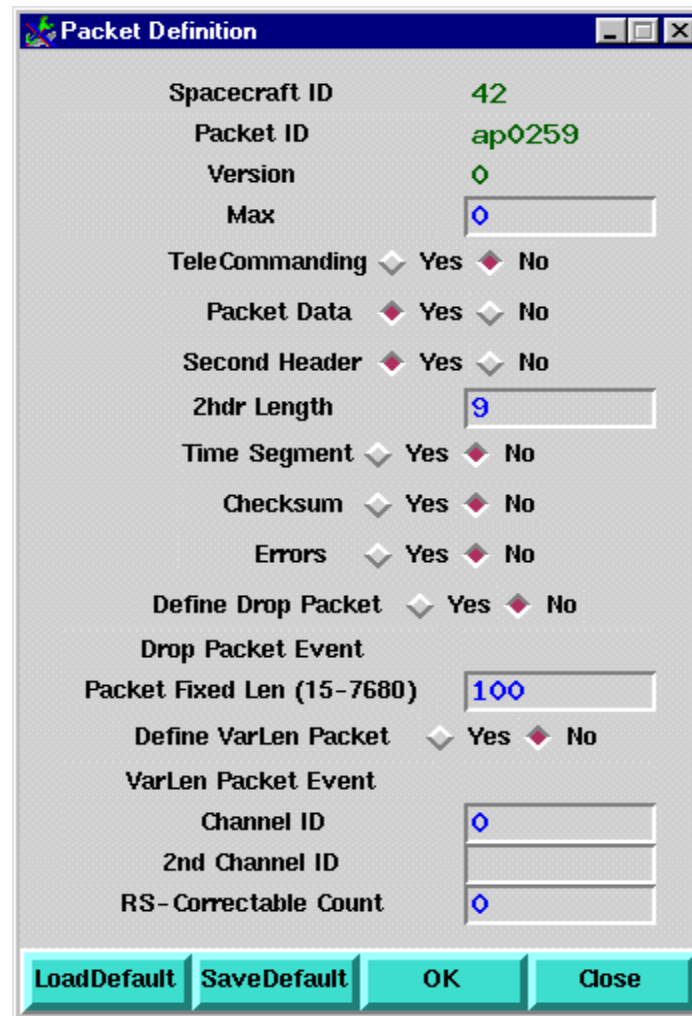
Spacecraft ID	42
Packet ID	ap0257
Version	0
Max	0
TeleCommanding	<input type="radio"/> Yes <input checked="" type="radio"/> No
Packet Data	<input checked="" type="radio"/> Yes <input type="radio"/> No
Second Header	<input checked="" type="radio"/> Yes <input type="radio"/> No
2hdr Length	9
Time Segment	<input type="radio"/> Yes <input checked="" type="radio"/> No
Checksum	<input type="radio"/> Yes <input checked="" type="radio"/> No
Errors	<input type="radio"/> Yes <input checked="" type="radio"/> No
Define Drop Packet	<input type="radio"/> Yes <input checked="" type="radio"/> No
Drop Packet Event	
Packet Fixed Len (15-7680)	100
Define VarLen Packet	<input type="radio"/> Yes <input checked="" type="radio"/> No
VarLen Packet Event	
Channel ID	0
2nd Channel ID	
RS-Correctable Count	0

LoadDefault SaveDefault OK Close

PDS Generation



PDS Generation

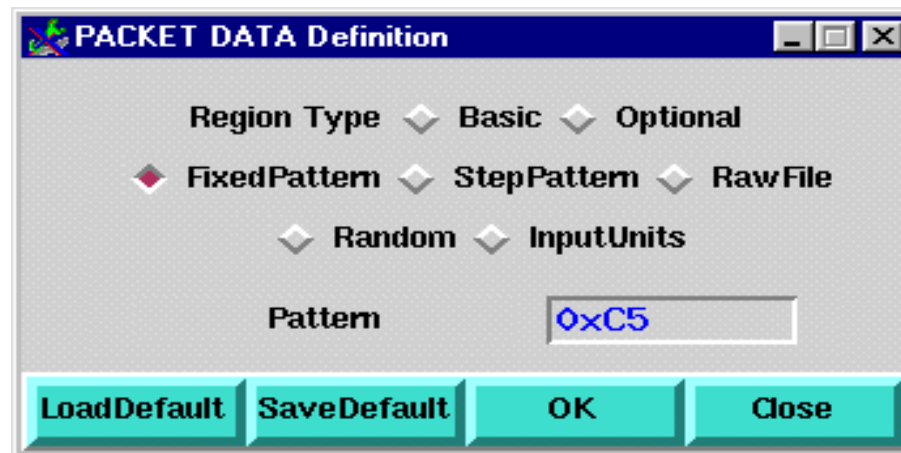


The image shows a 'Packet Definition' dialog box with various fields and options for configuring a packet. The fields include Spacecraft ID (42), Packet ID (ap0259), Version (0), Max (0), TeleCommanding (Yes), Packet Data (Yes), Second Header (Yes), 2hdr Length (9), Time Segment (Yes), Checksum (Yes), Errors (Yes), Define Drop Packet (Yes), Drop Packet Event (100), Packet Fixed Len (15-7680) (100), Define VarLen Packet (Yes), VarLen Packet Event (0), Channel ID (0), 2nd Channel ID (0), and RS-Correctable Count (0). The options are represented by diamond-shaped buttons with 'Yes' and 'No' labels.

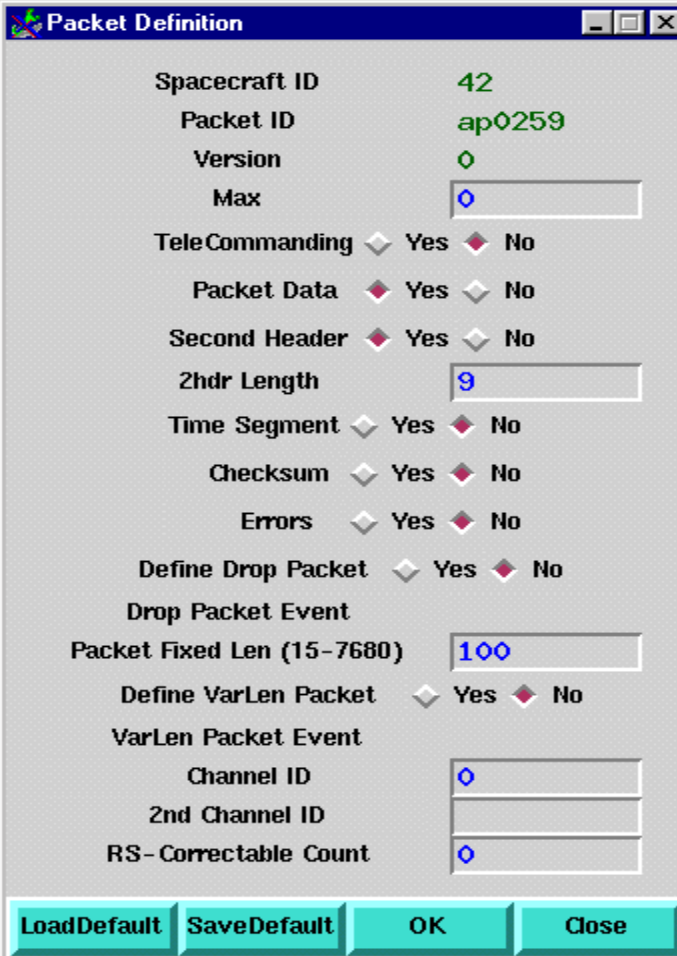
Spacecraft ID	42
Packet ID	ap0259
Version	0
Max	0
TeleCommanding	<input checked="" type="radio"/> Yes <input type="radio"/> No
Packet Data	<input checked="" type="radio"/> Yes <input type="radio"/> No
Second Header	<input checked="" type="radio"/> Yes <input type="radio"/> No
2hdr Length	9
Time Segment	<input checked="" type="radio"/> Yes <input type="radio"/> No
Checksum	<input checked="" type="radio"/> Yes <input type="radio"/> No
Errors	<input checked="" type="radio"/> Yes <input type="radio"/> No
Define Drop Packet	<input checked="" type="radio"/> Yes <input type="radio"/> No
Drop Packet Event	100
Packet Fixed Len (15-7680)	100
Define VarLen Packet	<input checked="" type="radio"/> Yes <input type="radio"/> No
VarLen Packet Event	0
Channel ID	0
2nd Channel ID	0
RS-Correctable Count	0

LoadDefault SaveDefault OK Close

PDS Generation



PDS Generation

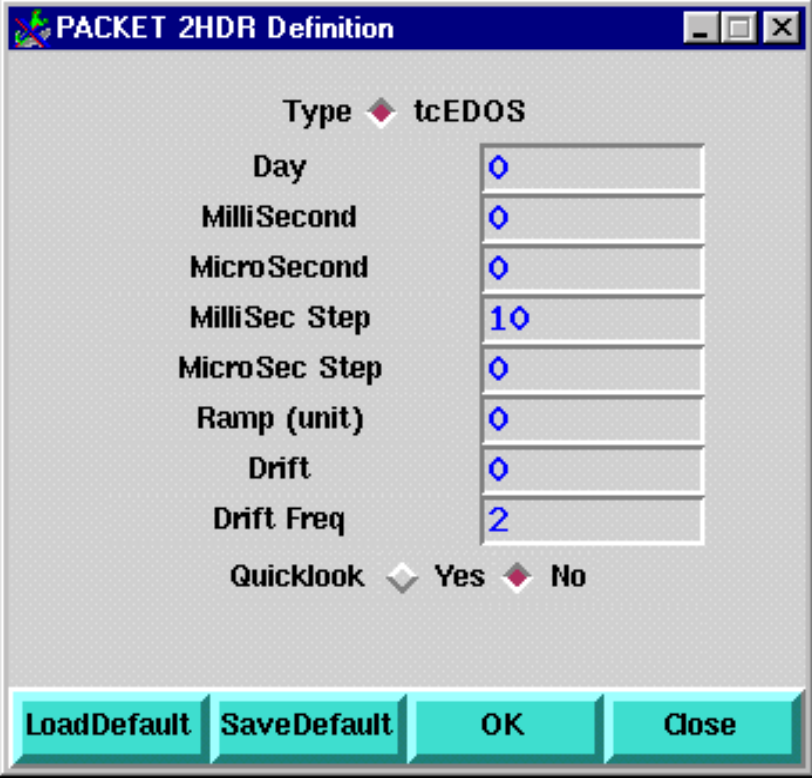


The image shows a 'Packet Definition' dialog box with various fields and options for configuring a packet. The fields include Spacecraft ID (42), Packet ID (ap0259), Version (0), Max (0), TeleCommanding (Yes/No), Packet Data (Yes/No), Second Header (Yes/No), 2hdr Length (9), Time Segment (Yes/No), Checksum (Yes/No), Errors (Yes/No), Define Drop Packet (Yes/No), Drop Packet Event, Packet Fixed Len (15-7680) (100), Define VarLen Packet (Yes/No), VarLen Packet Event, Channel ID (0), 2nd Channel ID, and RS-Correctable Count (0). The bottom of the dialog has four buttons: LoadDefault, SaveDefault, OK, and Close.

Spacecraft ID	42
Packet ID	ap0259
Version	0
Max	0
TeleCommanding	<input type="radio"/> Yes <input checked="" type="radio"/> No
Packet Data	<input checked="" type="radio"/> Yes <input type="radio"/> No
Second Header	<input checked="" type="radio"/> Yes <input type="radio"/> No
2hdr Length	9
Time Segment	<input type="radio"/> Yes <input checked="" type="radio"/> No
Checksum	<input type="radio"/> Yes <input checked="" type="radio"/> No
Errors	<input type="radio"/> Yes <input checked="" type="radio"/> No
Define Drop Packet	<input type="radio"/> Yes <input checked="" type="radio"/> No
Drop Packet Event	
Packet Fixed Len (15-7680)	100
Define VarLen Packet	<input type="radio"/> Yes <input checked="" type="radio"/> No
VarLen Packet Event	
Channel ID	0
2nd Channel ID	
RS-Correctable Count	0

LoadDefault SaveDefault OK Close

PDS Generation

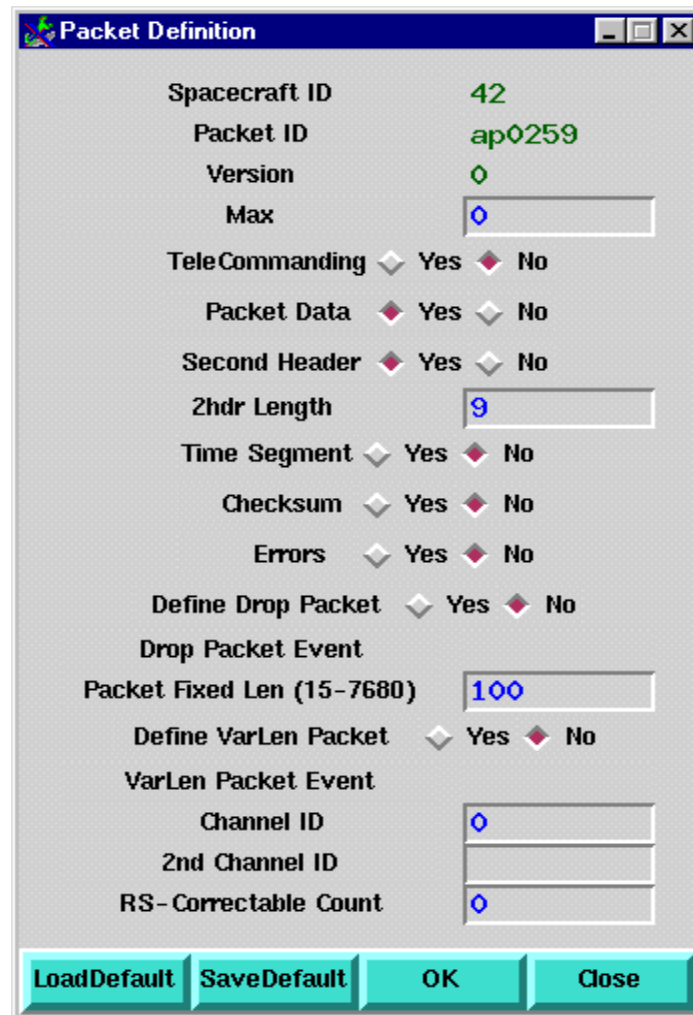


A screenshot of a Windows-style dialog box titled "PACKET 2HDR Definition". The dialog has a blue title bar with standard minimize, maximize, and close buttons. The main area is light gray and contains several settings. At the top, "Type" is set to "tcEDOS" with a small diamond icon. Below this are eight text input fields, each preceded by a label: "Day", "MilliSecond", "MicroSecond", "MilliSec Step", "MicroSec Step", "Ramp (unit)", "Drift", and "Drift Freq". The values in these fields are 0, 0, 0, 10, 0, 0, 0, and 2 respectively. The "10" and "2" are in blue. At the bottom of the main area, there is a "Quicklook" label followed by two radio buttons: "Yes" (selected) and "No". The bottom of the dialog features four buttons: "LoadDefault", "SaveDefault", "OK", and "Close".

Parameter	Value
Type	tcEDOS
Day	0
MilliSecond	0
MicroSecond	0
MilliSec Step	10
MicroSec Step	0
Ramp (unit)	0
Drift	0
Drift Freq	2
Quicklook	Yes

Buttons: LoadDefault, SaveDefault, OK, Close

PDS Generation

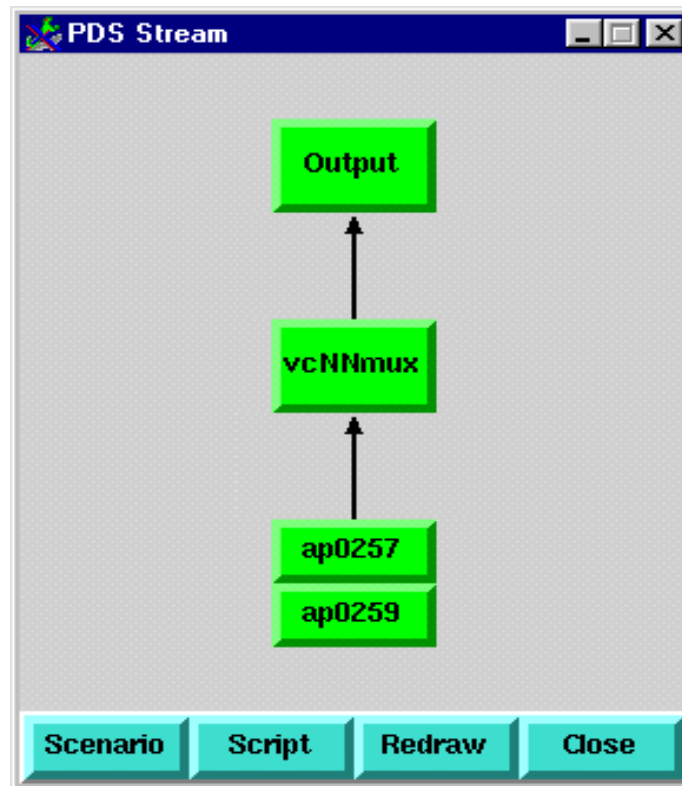


The image shows a 'Packet Definition' dialog box with various fields and options for configuring a packet. The fields include Spacecraft ID (42), Packet ID (ap0259), Version (0), Max (0), TeleCommanding (Yes), Packet Data (Yes), Second Header (Yes), 2hdr Length (9), Time Segment (Yes), Checksum (Yes), Errors (Yes), Define Drop Packet (Yes), Drop Packet Event (100), Define VarLen Packet (Yes), VarLen Packet Event (0), Channel ID (0), 2nd Channel ID (0), and RS-Correctable Count (0). The dialog has buttons for LoadDefault, SaveDefault, OK, and Close.

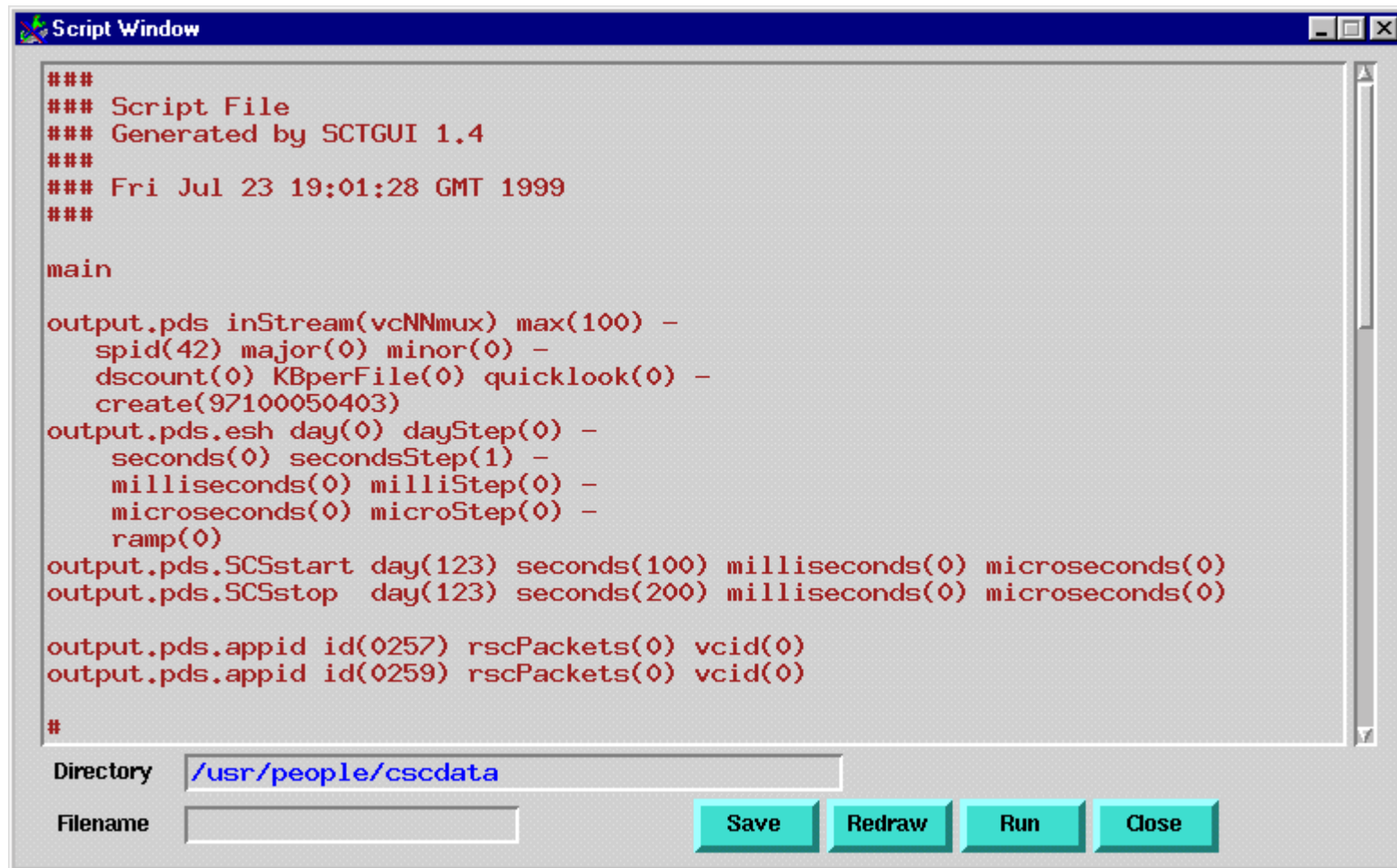
Spacecraft ID	42
Packet ID	ap0259
Version	0
Max	0
TeleCommanding	<input checked="" type="radio"/> Yes <input type="radio"/> No
Packet Data	<input checked="" type="radio"/> Yes <input type="radio"/> No
Second Header	<input checked="" type="radio"/> Yes <input type="radio"/> No
2hdr Length	9
Time Segment	<input checked="" type="radio"/> Yes <input type="radio"/> No
Checksum	<input checked="" type="radio"/> Yes <input type="radio"/> No
Errors	<input checked="" type="radio"/> Yes <input type="radio"/> No
Define Drop Packet	<input checked="" type="radio"/> Yes <input type="radio"/> No
Drop Packet Event	100
Define VarLen Packet	<input checked="" type="radio"/> Yes <input type="radio"/> No
VarLen Packet Event	0
Channel ID	0
2nd Channel ID	0
RS-Correctable Count	0

LoadDefault SaveDefault OK Close

PDS Generation



PDS Generation



The image shows a window titled "Script Window" with a standard Windows-style title bar (minimize, maximize, close buttons). The window contains a text area with a script written in a red monospaced font. The script includes a header section with metadata and a main section with PDS generation commands. At the bottom of the window, there is a "Directory" field containing the path "/usr/people/cscdata", an empty "Filename" field, and four buttons: "Save", "Redraw", "Run", and "Close".

```
###
### Script File
### Generated by SCTGUI 1.4
###
### Fri Jul 23 19:01:28 GMT 1999
###

main

output.pds inStream(vcNNmux) max(100) -
    spid(42) major(0) minor(0) -
    dscount(0) KBperFile(0) quicklook(0) -
    create(97100050403)
output.pds.esh day(0) dayStep(0) -
    seconds(0) secondsStep(1) -
    milliseconds(0) milliStep(0) -
    microseconds(0) microStep(0) -
    ramp(0)
output.pds.SCSstart day(123) seconds(100) milliseconds(0) microseconds(0)
output.pds.SCSstop day(123) seconds(200) milliseconds(0) microseconds(0)

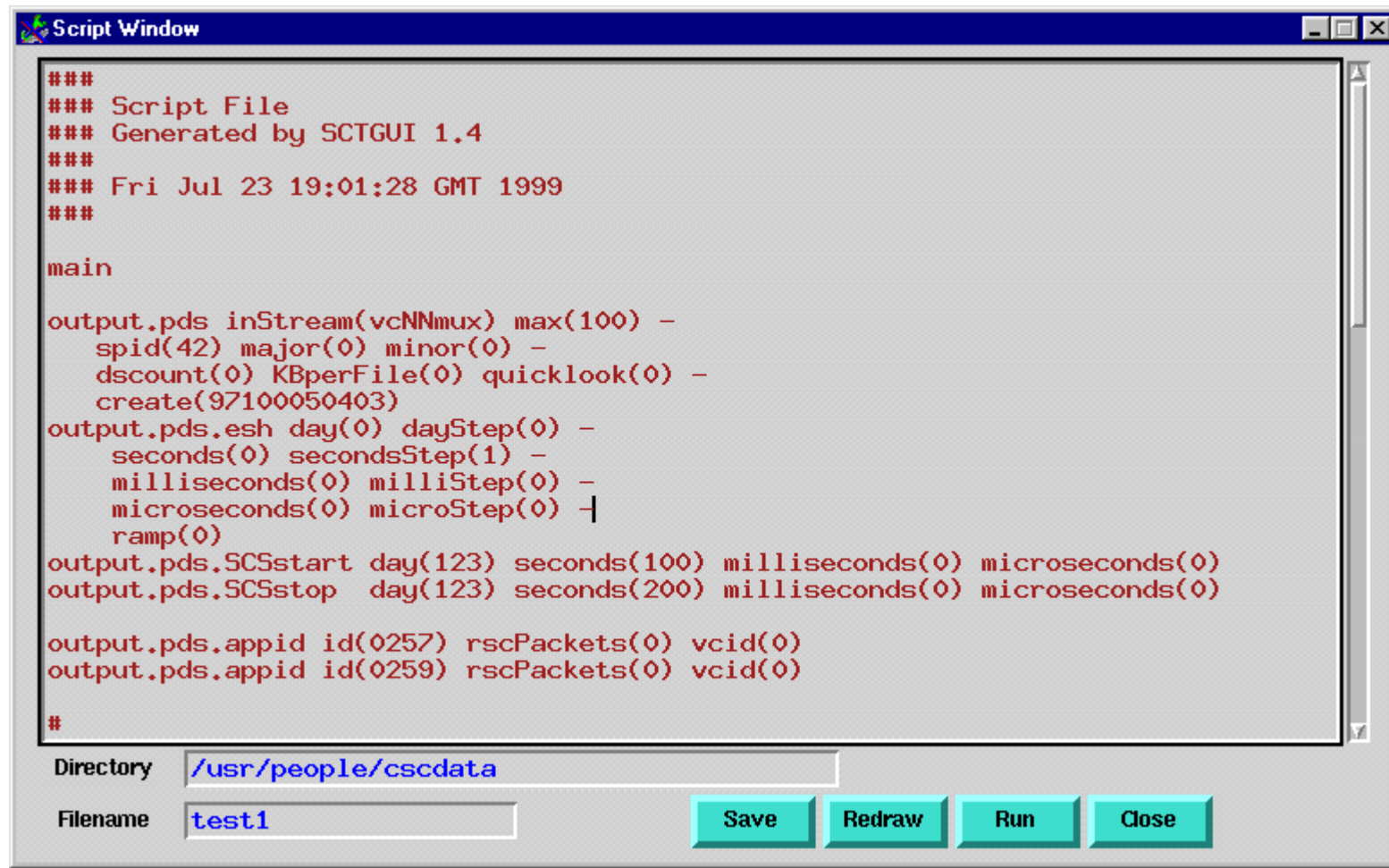
output.pds.appid id(0257) rscPackets(0) vcid(0)
output.pds.appid id(0259) rscPackets(0) vcid(0)

#
```

Directory

Filename

PDS Generation



The image shows a screenshot of a software window titled "Script Window". The window has a blue title bar with standard Windows window controls (minimize, maximize, close). The main area is a text editor with a light gray background, displaying a script in red text. The script starts with a header block containing "Script File", "Generated by SCTGUI 1.4", and a timestamp "Fri Jul 23 19:01:28 GMT 1999". This is followed by a "main" section containing several PDS generation commands. The commands include setting up an output stream, defining time steps (day, seconds, milliseconds, microseconds), and creating specific PDS files for SCS start/stop and application data. The window has a status bar at the bottom with fields for "Directory" (set to "/usr/people/cscdata") and "Filename" (set to "test1"). To the right of these fields are four buttons: "Save", "Redraw", "Run", and "Close".

```
###
### Script File
### Generated by SCTGUI 1.4
###
### Fri Jul 23 19:01:28 GMT 1999
###

main

output.pds inStream(vcNNmux) max(100) -
    spid(42) major(0) minor(0) -
    dscount(0) KBperFile(0) quicklook(0) -
    create(97100050403)
output.pds.esh day(0) dayStep(0) -
    seconds(0) secondsStep(1) -
    milliseconds(0) milliStep(0) -
    microseconds(0) microStep(0) -
    ramp(0)
output.pds.SCSstart day(123) seconds(100) milliseconds(0) microseconds(0)
output.pds.SCSstop day(123) seconds(200) milliseconds(0) microseconds(0)

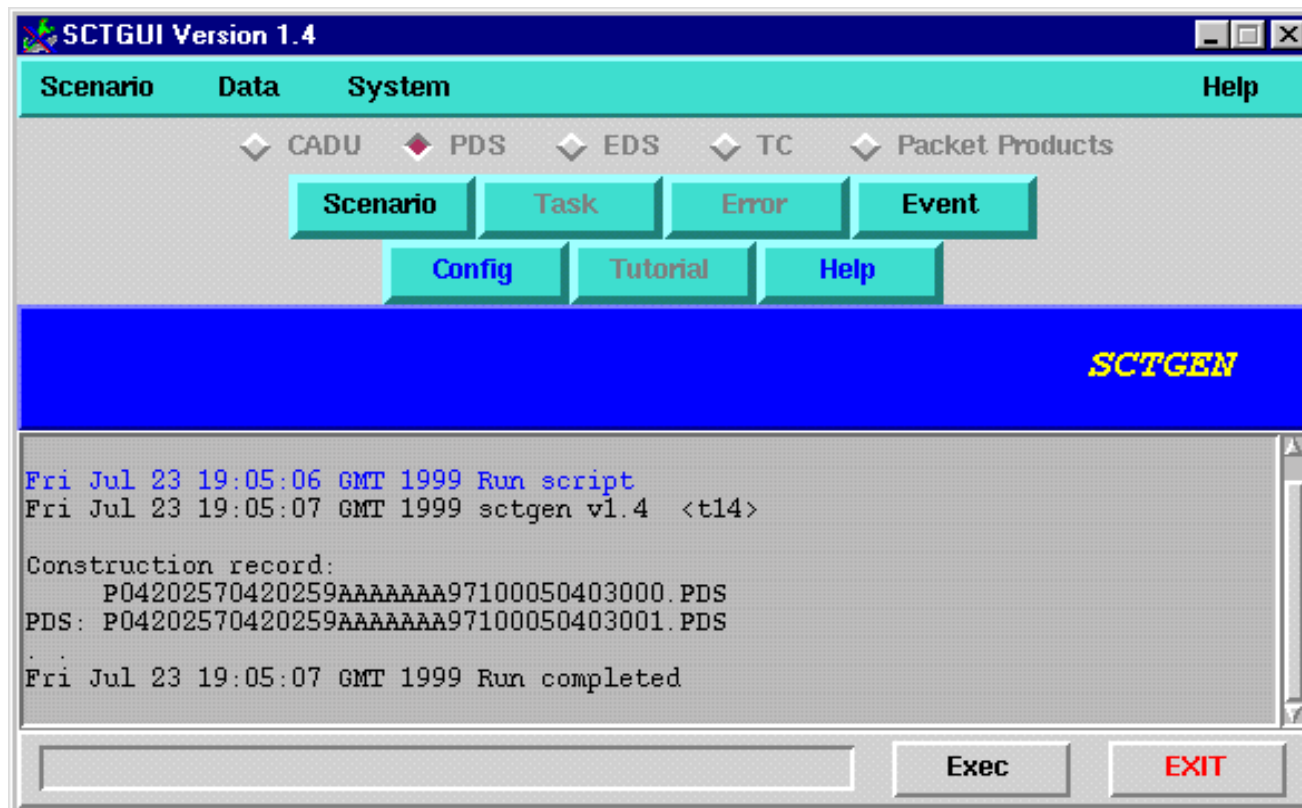
output.pds.appid id(0257) rscPackets(0) vcid(0)
output.pds.appid id(0259) rscPackets(0) vcid(0)

#
```

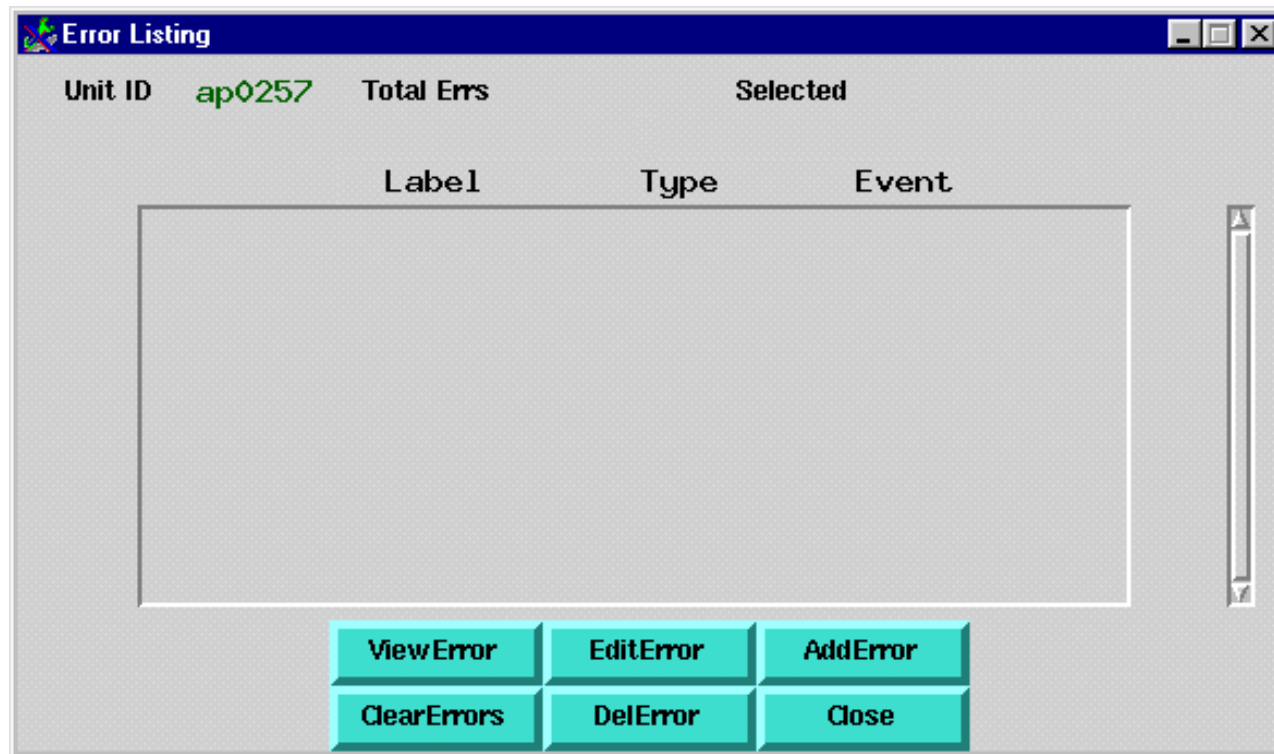
Directory

Filename

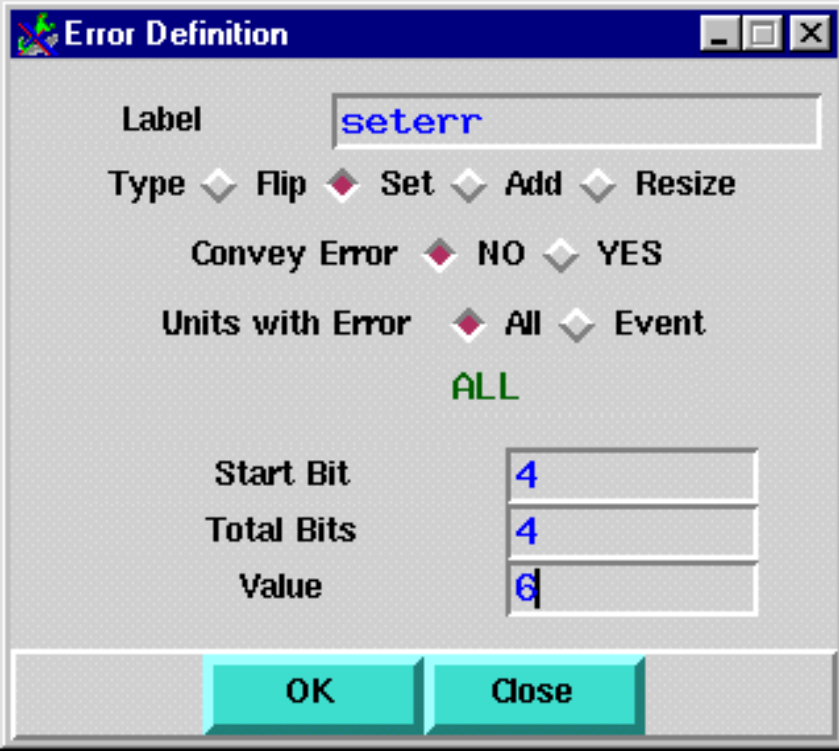
PDS Generation



PDS with a Set Error



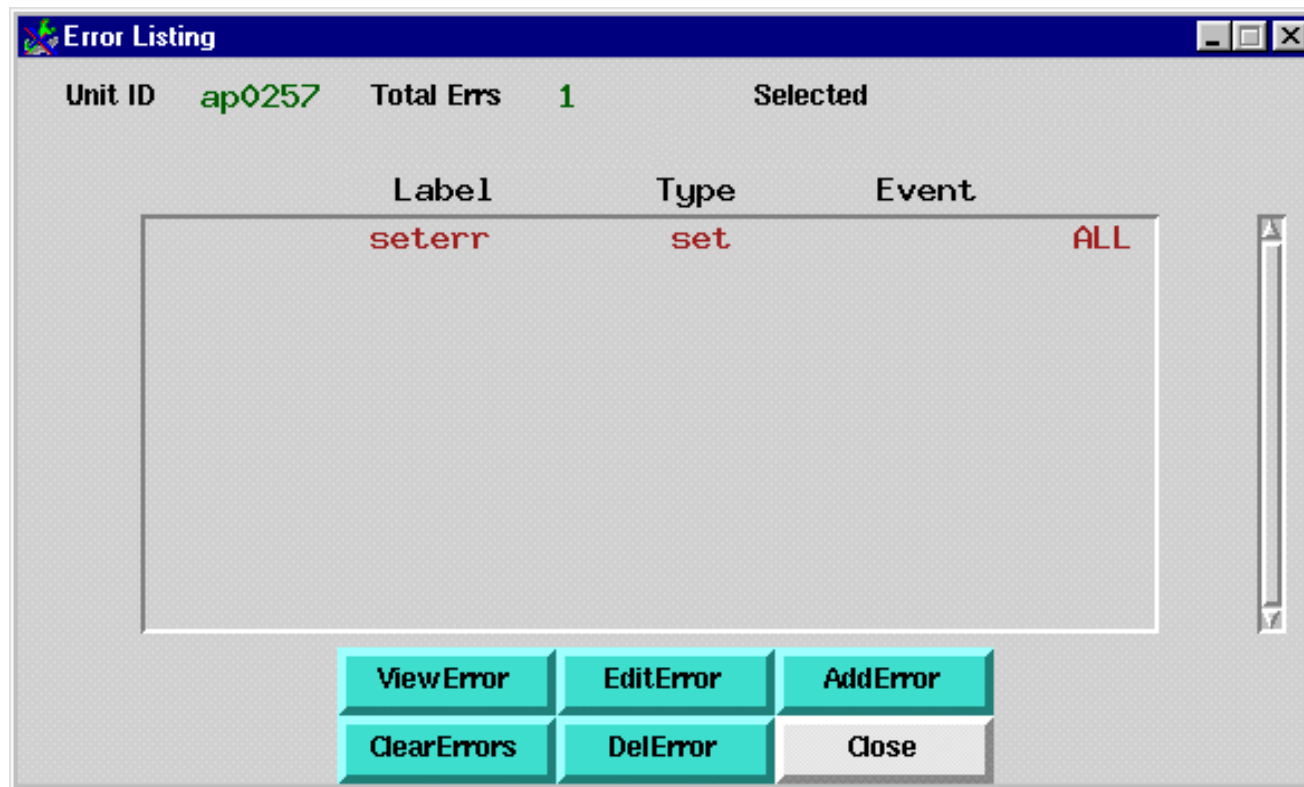
PDS with Set Error



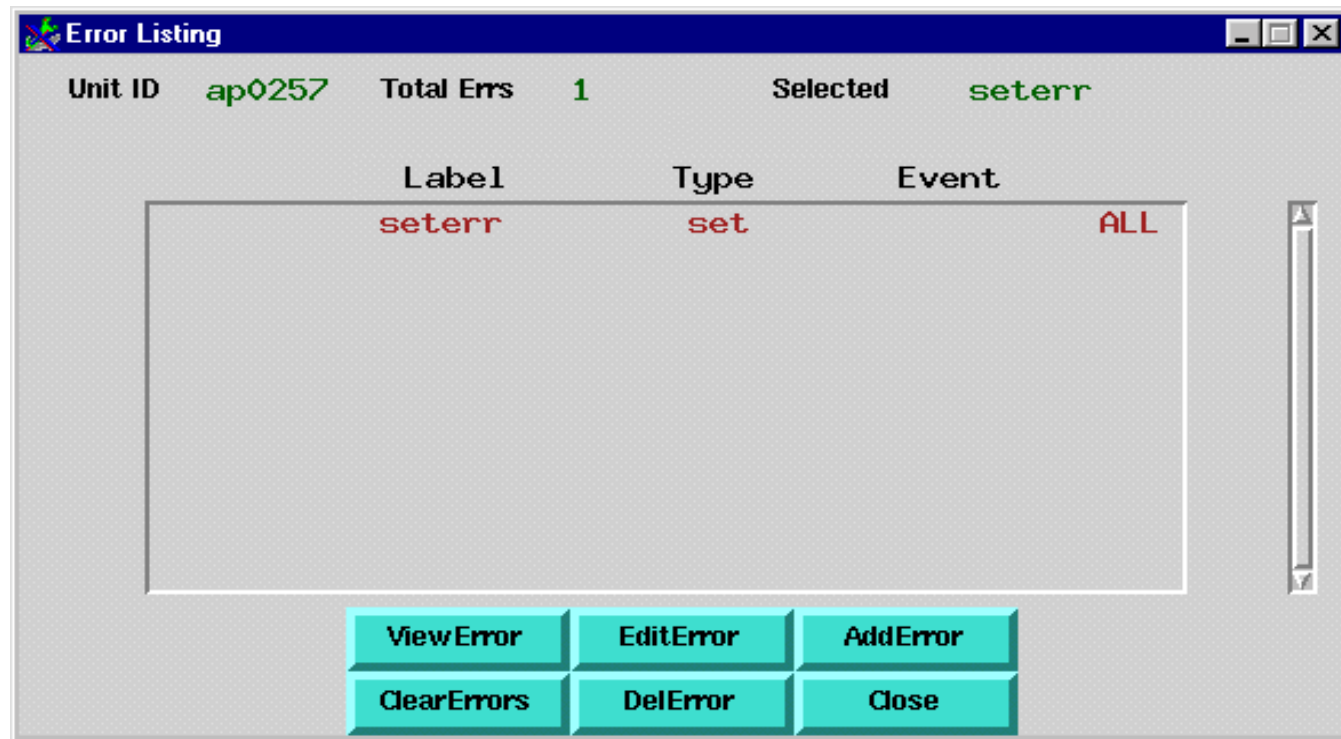
The image shows a Windows-style dialog box titled "Error Definition". It contains several configuration options for an error type. The "Label" field is set to "seterr". The "Type" is "Set", and "Convey Error" is set to "NO". "Units with Error" is set to "All", with the word "ALL" displayed in green below it. The "Start Bit" is 4, "Total Bits" is 4, and the "Value" is 6. At the bottom are "OK" and "Close" buttons.

Field	Value
Label	seterr
Type	Set
Convey Error	NO
Units with Error	All
Start Bit	4
Total Bits	4
Value	6

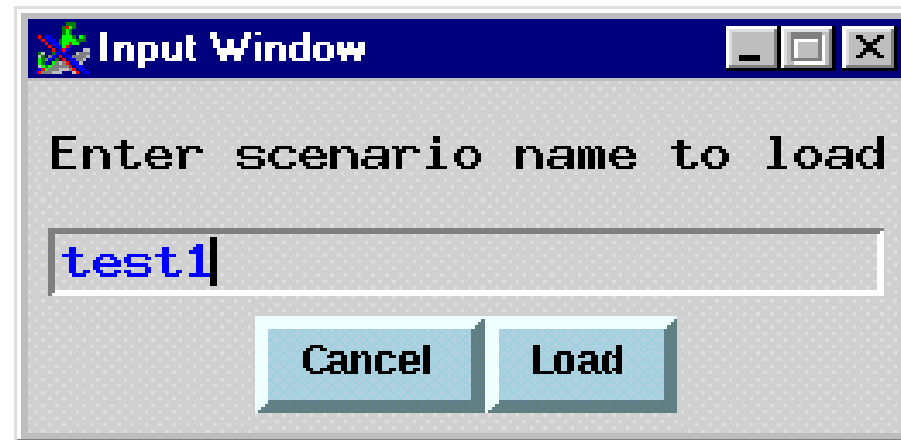
PDS with Set Error



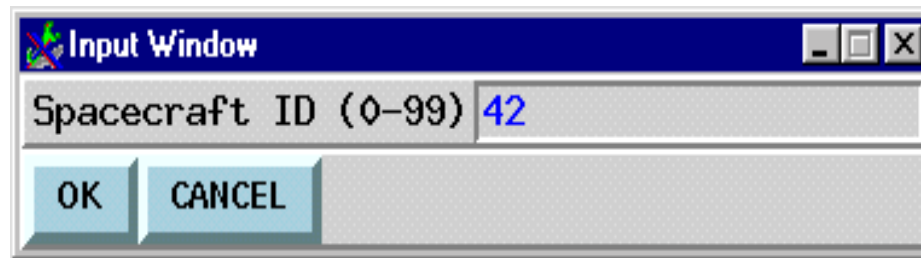
PDS with Set Error



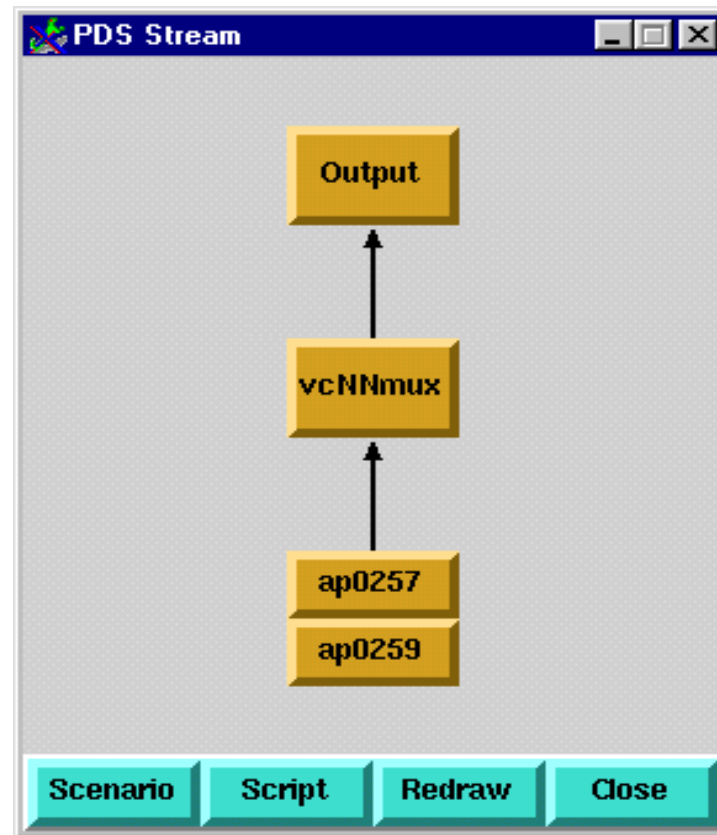
Script Loading and Modification



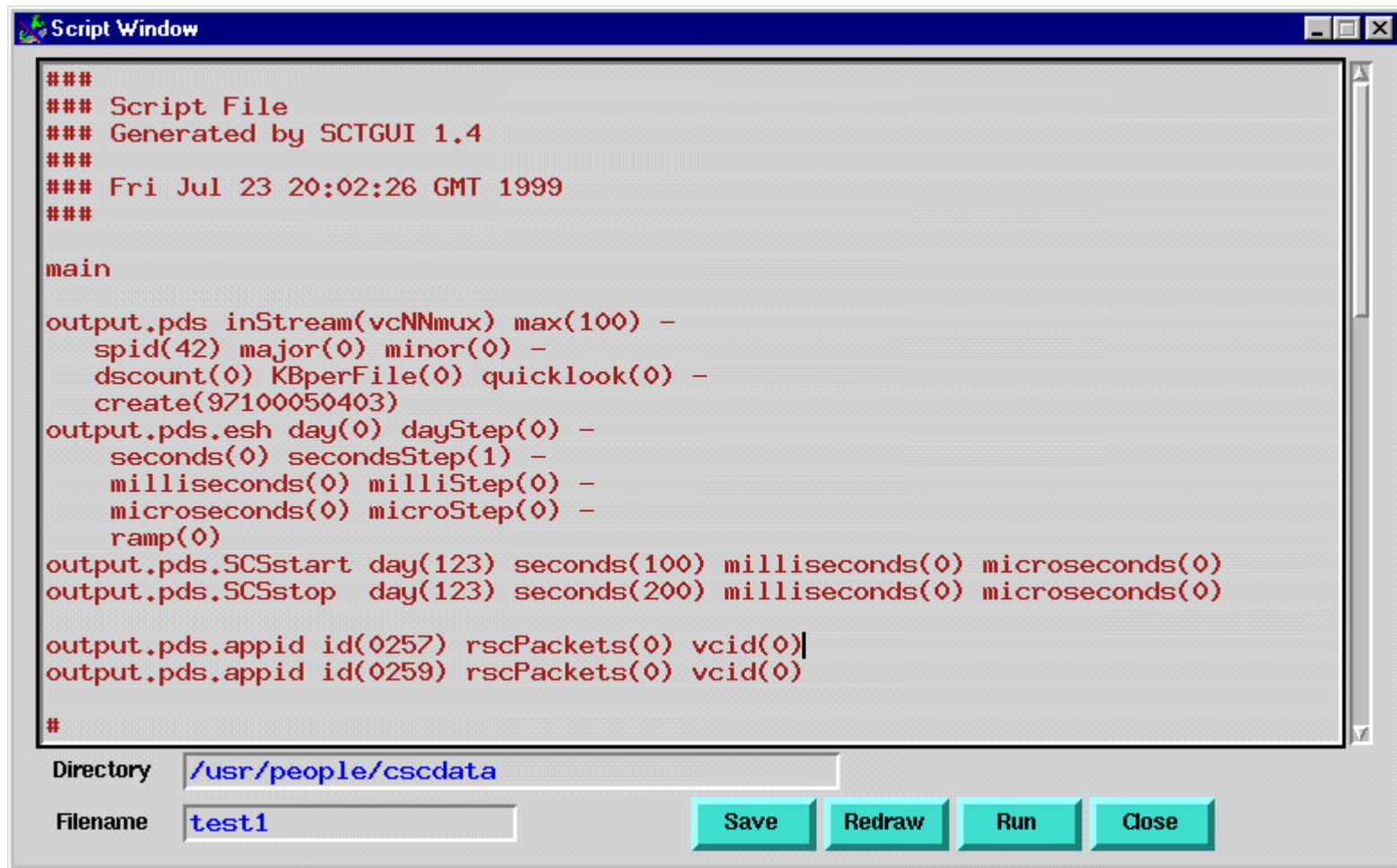
Script Loading and Modification



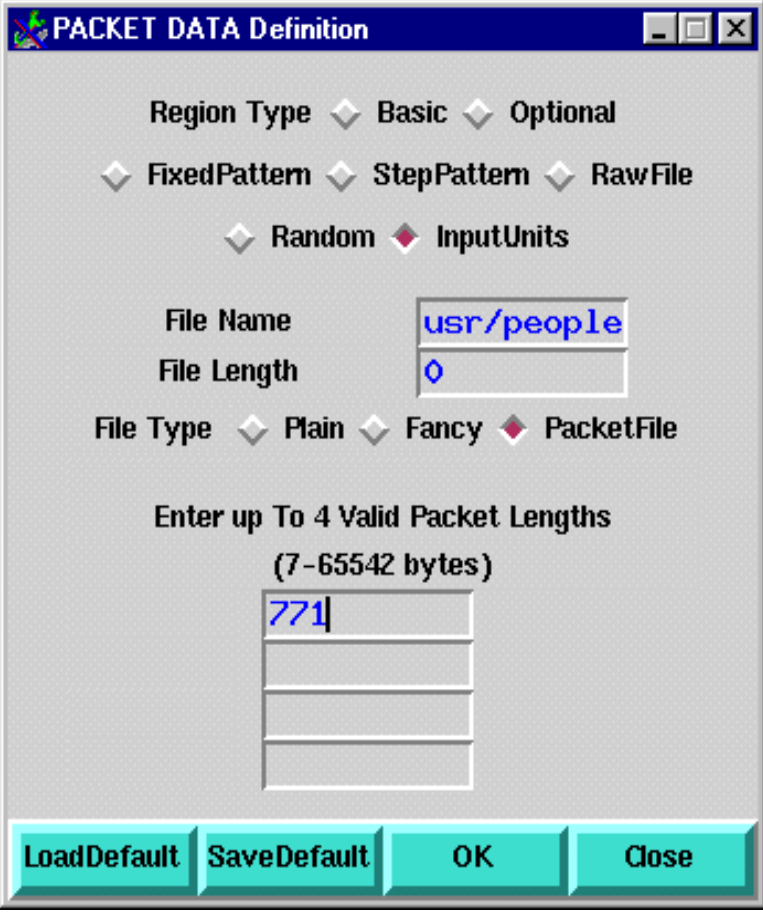
Script Loading and Modification



Script Loading and Modification



Creation of SCTGEN Data from CCSDS Packets



The image shows a Windows-style dialog box titled "PACKET DATA Definition". It contains several configuration options for creating SCTGEN data from CCSDS packets. The options are organized into groups with diamond-shaped selection icons. The "Region Type" group has "Basic" and "Optional". The "FixedPattern", "StepPattern", and "RawFile" options are also present. The "Random" option is selected. The "InputUnits" option is also selected. The "File Name" field contains "usr/people". The "File Length" field contains "0". The "File Type" group has "Plain", "Fancy", and "PacketFile" options, with "PacketFile" selected. Below these options, there is a section titled "Enter up To 4 Valid Packet Lengths (7-65542 bytes)" with four input fields. The first field contains "771". At the bottom of the dialog box are four buttons: "LoadDefault", "SaveDefault", "OK", and "Close".

PACKET DATA Definition

Region Type ☐ Basic ☐ Optional

☐ FixedPattern ☐ StepPattern ☐ RawFile

☒ Random ☒ InputUnits

File Name

File Length

File Type ☐ Plain ☐ Fancy ☒ PacketFile

Enter up To 4 Valid Packet Lengths
(7-65542 bytes)

LoadDefault SaveDefault OK Close

SCTGEN Script run Error Messages

